

# OREGON CROP WEATHER



**NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE**

**USDA, NASS, Oregon Field Office**

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**Weather:** The week was mostly cooler for most areas of the State. Many areas west of the Cascades received moisture, while rainfall was more scattered in the east. High temperatures ranged from the 90's to the 60's. Several reporting stations in the eastern half of the State reported freezing temperatures.

**Field Crops:** Hay harvest in some areas was stalled by rain. Western Oregon grain crops were in generally good condition and heading nicely. Rain was welcomed in north central Oregon wheat fields while it may have been too late for some areas of northeastern Oregon. Some Klamath Basin hay on the ground during the rain suffered quality losses. Grain crops were heading out and filling. Some late variety potatoes were emerging. Irrigation water shut offs continued during the week. South Willamette Valley rains holding up hay production. Crops were maturing quickly and a large percentage of forage fescues and annual ryegrass has been swathed. North Willamette Valley field corn varies from just planted to knee high. Grass for seed pollinating over fields of certain varieties. Crimson clover being swathed prior to combining.

**Fruits and Nuts:** Another rain shower challenged Wasco cherry producers. Hand thinning of summer pears and routine summer orchard operations continued throughout the Hood River Valley. Variable weather conditions occurred through the week with substantial rainfall to end the week. Willamette Valley sweet cherry harvest continued. Filbert worm continued to emerge. Filberts and walnuts were sizing. Early varieties of blueberries close to picking and strawberries were abundant. Raspberries were showing up at markets. Rains have also been hard on sweet cherries in the south Willamette Valley. There was a slight uptick in disease pressure due to the increased humidity in fruit in Douglas County. Growers were actively spraying for disease and insect protection. Blueberry, raspberry, and cherry crops were all beginning the ripening

stage. These crops have been experiencing heavy pressure from Spotted Wing Drosophila. Growers have been advised to keep cover sprays on to prevent infestation. Small growers and gardeners who don't spray have been experiencing heavy losses. The wine grape crop in the Umpqua Valley continued to look good as about 50 percent of vines were done flowering and setting berries. The other half of the crop was flowering. Forecast rain could cause some yield loss if rains were heavy or persist for more than a few days. Cranberries continue to look good.

**Vegetables:** Sweet corn interval planting close to set schedule in the south Willamette Valley. Further north, continued to see sweet corn for processing and other vegetable for processing planted but they should be finishing up in the next couple of weeks to keep the canneries schedules stretched out this fall. Cooler temperatures slowed some vegetable growth.

**Nurseries and Greenhouses:** Nurseries were pruning and shaping shrubs and planting cover crops.

**Livestock, Range and Pasture:** Producers have been shipping cattle back from California a few weeks earlier than normal in Lake County. Pastures are short in Baker. Moisture received during the week was nice but it was too late for much of the Leap area of Wallowa County and the range. Most of the grass in the range has matured due to lack of moisture and heat. Cattle, bison, and calves are doing well and pastures are unusually productive with rains and warm weather in Washington County. Pastures in the southern coastal counties like the rain, but hay fields were idle with the wet weather. Seasonal feeder cattle have nearly filled the lowland pastures.

**Soil Moisture - Week Ending 07/07/13**

	<b>Very short</b>	<b>Short</b>	<b>Adequate</b>	<b>Surplus</b>
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	3	45	52	0
Subsoil	3	45	51	1

**Crop Progress - Week Ending 07/07/13**

<b>Crop</b>	<b>This week</b>	<b>Last week</b>	<b>Last year</b>	<b>5 year average</b>
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Alfalfa hay, first cutting	82	76	87	75
Winter wheat headed	98	95	97	96
Days suitable for fieldwork	5.2	6.2	6.3	6.2

**Crop Condition - Week Ending 07/07/13**

<b>Crop</b>	<b>Very poor</b>	<b>Poor</b>	<b>Fair</b>	<b>Good</b>	<b>Excellent</b>
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter wheat	12	17	45	25	1
Spring wheat	9	16	47	26	2
Barley	7	8	45	38	2
Range and pasture	6	17	40	32	5

## Western Oregon

**Columbia:** Heavy although spotty rain on Sunday. Small fruit were concerns. No hay cut recently. Pastures looked strong.

**Coos /Curry:** Lows averaged slightly below 5-year average in Coos County, and a little above in southern Curry. The maximum high temperature was a little above the 5-year average for both counties. Relatively cool morning conditions prevailed most of the week along the coast, with morning fog, especially near the coast. Periods of scattered showers and breezy conditions all week. Pastures like the rain, but hay fields were idle with the wet weather. Seasonal feeder cattle have nearly filled the lowland pastures. Cranberries continue to look good. Bandon (Coos and Northern Curry): Official Low temperature for the period was 43.52 degrees, 0.77 degrees below the 5-year average – average of low temperatures was 48.16 degrees, higher average than last week. High temperature for the period was 65.66 degrees, 2.22 degrees above the 5-year average – average of high temperatures was 64.06 degrees, also above last week's average. Precipitation for the period was 1.1 inches, which is 0.85 inches above the 5-year average for the week. Weather year 2013 (began 10/1/2012) precipitation stands at 53.93 inches, 0.51 inches above the 5-year average. Historical average precipitation through June is 57.48 inches. Brookings (Southern Curry): Low temperature for the period was 48.43 degrees, 1.93 degrees above the 5-year average – average of low temperatures was 50.41 degrees, nearly 4 degrees above last week. High temperature for the period was 73.7 degrees, 2.64 degrees above the 5-year average – average of high temperature was 62.92 degrees, a little below last week. Precipitation for the period was 0.72 inches, which is 0.43 inches above the 5-year average. Weather year 2013 (began 10/1/2012) precipitation stands at 68.48 inches, 10.87 inches below the 5-year average. Historical average precipitation through June is 69.98 inches.

**Douglas:** Recent mild weather with occasional showers has slowed down crop development for vegetable and fruit crops. Slight uptick in disease pressure due to the increased humidity in fruit and vegetable crops. Growers were actively spraying for disease and insect protection. Blueberry, raspberry, and cherry crops were all beginning the ripening stage. These crops have been experiencing heavy pressure from Spotted Wing Drosophila. Growers have been advised to keep cover sprays on to prevent infestation. Small growers and gardeners who don't spray have been experiencing heavy losses. Hay crop harvest mostly occurred during the dry period in early June allowing farmers to make very good quality hay. The early warmth in May was responsible for accelerating the maturity of the hay crop. Both spring and winter

wheat crops have matured nicely and harvest should start in early July. The quality of the crop will be good where farmers used fungicides. A few wet and cool periods allowed fungal diseases to spread rapidly in unprotected stands. The wine grape crop in the Umpqua Valley continued to look good as about 50 percent of vines were done flowering and setting berries. The other half of the crop was flowering and forecast rain could cause some yield loss if rains were heavy or persist for more than a few days.

**Jackson:** Any hay that was down on Wednesday got wet. The rest of the week was dry but a little cooler. Reports were starting to come in that spring planted dryland crops suffered from the lack of spring moisture.

**Josephine:** Overnight lows for week 38-52. Daytime temperatures 58-80. Very windy week. Planting and watering was still the main occupation. Harvesting broccoli continued. Peppers, tomatoes, tomatillos, and strawberries were blooming. Drying winds were causing problems.

**Lane/Linn:** There was 1.2 inches of rain in the Upper Camp Creek area. Rains were holding up hay production and slowing down harvest. Crops were maturing quickly. A large percentage of forage fescues and annual ryegrass has been swathed. Rains have been hard on sweet cherries. Sweet corn planting was nearly completed with plantings in the ground on schedule. Early crop evaluations looked good for most plantings.

**Washington:** Crimson clover being swathed prior to combining. Red clover stages from silage to make into hay to flailed and now early flailed is blooming. Field corn fields vary from just planted to knee high. Grass for seed pollinating over fields of certain varieties. Early varieties of blueberries close to picking and strawberries were abundant. Rhubarb was doing well. Filberts and walnuts were sizing. Raspberries showing up at markets. Cherries harvesting has begun. Sweet corn was knee high in some fields and asparagus was abundant at farmer markets. Greenhouses planting under hoop houses. Nursery pruning and shaping shrubs and planting cover crops. Cattle, bison, and calves were doing well. Pastures were unusually productive with rains and warm weather. High temperature 79 degrees, low 45 degrees. There was 1.5 inches rain and heavy hail June 18th. Damage by hail not fully assessed.

**Yamhill:** Sweet cherry harvest continued. Filbert worm continued to emerge.

## Eastern Oregon

**Baker:** Baker received a good rain. Some parts of the County saw 1-2 inches of rain last week. Hay was cut and pastures were short.

**Hood River:** Variable weather conditions occurred through the week with substantial rainfall to end the week. Hand thinning of summer pears and routine summer orchard operations continued throughout the Hood River Valley.

**Klamath:** The week started with temperatures in the 70's and 80's. Temperatures in the middle of the week were in the 50's and 60's and by the end of the week returned to normal. Some rain in the middle of the week brought nearly a third of an inch of rain. Some hay on the ground during the rain suffered quality losses. Grain crops were heading out and filling. Some late variety potatoes were emerging. Irrigation water shut offs continued during the week.

**Lake:** Received precipitation in the form of hail and rain during the week. Some producers with hay down will be affected by the moisture. Producers have been shipping cattle back from California a few weeks earlier than normal.

**Sherman/Wasco:** Rain shower early this morning brightened prospects for wheat crops, but one can probably hear the cherry growers crying. Cool week, which slowed down maturity and grain fill, which is a good thing. Wheat was changing color but one field man reported that he has never seen so many colors in the crop. Vole numbers were down drastically from 2012, although in places they were very bad. Couple of small fires reported. Deschutes Canyon fire of a couple of weeks ago did scorch lower leaves of a wheat field. Fire plants were up to 10 feet into the crop. Many hay growers made good use of sunshine to make hay and only a little was left in the showers. Rain showers this week were accompanied by thunder and lightning.

**Union:** Received 0.75 to 0.90 inches of rain this week but may not have been in time for winter grain crops. Approximately 30 percent of first cutting hay was rained on in bale or windrows.

**Wallowa:** Moisture received during the week was nice but it was too late for much of the Leap area and the range. Most of the grass in the range has matured due to lack of moisture and heat.

**Weather data for selected stations in Oregon, Week ending: June 23, 2013 (as of 11:00 am) <sup>1</sup>**

Station	Air temperature <sup>2</sup>				Growing degree days <sup>3</sup>		Last week precip. <sup>4</sup>			Season cum. precipitation <sup>5</sup>			
	Low	High	Avg.	DFN <sup>6</sup>	Total	DFN <sup>6</sup>	Total inches	DFN <sup>6</sup>	Days <sup>7</sup>	Total inches	DFN <sup>6</sup>	Pct. normal	Days <sup>7</sup>
<b>COASTAL AREAS</b>													
Astoria	46	67	57	1	51	5	0.39	-0.20	3	74.93	11.75	119	176
Bandon <sup>8</sup>	43	63	53	-3	26	-15	0.04	-0.34	1	52.88	-4.37	92	158
Crescent City	40	60	52	-5	17	-27	-	-0.33	-	48.36	-15.36	76	112
Florence	38	66	53	-6	21	-29	0.12	-0.48	1	64.01	-9.67	87	153
North Bend	46	64	57	-1	50	1	0.03	-0.38	1	42.73	-18.87	69	126
Tillamook	41	68	58	3	58	19	0.76	-0.03	3	67.99	-16.34	81	161
<b>WILLAMETTE VALLEY</b>													
Aurora <sup>8</sup>	44	79	59	-3	65	-12	0.45	0.03	2	36.56	-2.37	94	145
Corvallis	41	79	58	-3	56	-17	0.23	-0.07	2	30.38	-10.65	74	141
Detroit Lake <sup>8</sup>	43	82	58	2	56	3	0.53	-0.01	2	83.08	18.28	128	158
Eugene	41	81	58	-4	60	-20	0.18	-0.17	1	27.85	-19.61	59	116
Hillsboro	42	80	58	-4	56	-21	0.60	0.25	4	32.74	-2.80	92	139
McMinnville	42	79	59	-3	64	-11	0.68	0.42	3	30.56	-11.24	73	129
Portland	49	81	61	-3	79	-12	0.55	0.19	3	35.81	1.67	105	137
Salem	42	81	59	-2	67	-10	0.22	-0.13	2	32.91	-4.57	88	131
<b>SW VALLEYS</b>													
Grants Pass	43	87	63	-3	94	-16	-	-0.14	-	28.80	-1.50	95	107
Medford	44	85	64	-3	98	-12	-	-0.14	-	16.44	-1.50	92	101
Roseburg	45	84	63	-1	89	-2	-	-0.21	-	26.33	-5.18	84	119
<b>NORTH CENTRAL</b>													
Condon	37	80	57	-2	53	-11	0.06	-0.22	2	9.00	-3.52	72	80
Echo <sup>8</sup>	43	91	65	-3	105	-10	-	-0.13	-	7.64	-0.58	93	85
Heppner	41	85	60	-4	68	-21	0.06	-0.16	1	8.27	-4.29	66	72
Hermiston	42	92	64	-3	101	-14	-	-0.13	-	7.56	-0.66	92	72
Madras <sup>8</sup>	37	82	57	-5	50	-28	0.21	0.00	1	6.77	-2.40	74	77
Moro	40	84	59	-3	62	-12	-	-0.14	-	8.43	-1.70	83	75
Parkdale <sup>8</sup>	37	83	58	-4	60	-21	-	-0.16	-	33.46	3.58	112	134
Pendleton	43	91	63	-3	95	-14	-	-0.14	-	8.45	-2.47	77	78
Prairie City <sup>8</sup>	37	82	57	-5	50	-28	0.21	0.00	1	6.77	-2.40	74	77
The Dalles	48	89	65	5	107	31	0.01	-0.13	1	9.69	-1.83	84	70
<b>SOUTH CENTRAL</b>													
Agency Lake <sup>8</sup>	30	79	54	-3	36	-15	-	-0.21	-	11.58	-3.26	78	71
Bend	33	86	55	-3	45	-7	0.12	-0.09	1	7.02	-3.28	68	33
Burns	26	87	57	1	56	3	-	-0.21	-	6.44	-2.12	75	55
Christmas Valley <sup>8</sup>	25	85	54	-8	35	-42	0.08	-0.18	2	17.45	6.51	160	90
Klamath Falls	30	82	56	-5	47	-26	-	-0.15	-	6.91	-5.41	56	65
Klamath Falls <sup>8</sup>	31	81	56	-5	49	-24	0.01	-0.14	1	7.64	-4.68	62	88
Lakeview <sup>8</sup>	28	81	56	-4	44	-18	0.01	-0.27	1	9.48	-4.80	66	92
Lorella <sup>8</sup>	28	82	57	-4	50	-23	0.01	-0.14	1	9.49	-2.83	77	82
Redmond	31	85	55	-5	38	-26	-	-0.18	-	5.32	-1.99	73	57
Worden <sup>8</sup>	28	78	54	-7	35	-38	-	-0.15	-	8.01	-4.31	65	80
<b>NORTHEAST</b>													
Baker City	34	86	57	-4	50	-19	-	-0.35	-	5.69	-3.09	65	81
Joseph	38	83	59	6	64	31	-	-0.42	-	11.98	-9.73	55	95
La Grande	39	84	61	-2	77	-6	-	-0.35	-	9.72	-5.63	63	81
Imbler <sup>8</sup>	37	87	59	-2	64	-8	-	-0.35	-	11.48	-9.97	54	114
<b>SOUTHEAST</b>													
Ontario	42	92	68	-1	125	-1	0.05	-0.14	2	5.02	-3.78	57	63
Rome	31	92	65	2	108	12	0.02	-0.22	1	3.77	-3.27	54	60

<sup>1</sup> Summary based on NWS data. Copyright 2013: AWIS, Inc. All Rights Reserved.

<sup>2</sup> Air temperature in degrees Fahrenheit.

<sup>3</sup> Growing degree days base-50 degrees Fahrenheit.

<sup>4</sup> Precipitation (rain or melted snow/ice) in inches.

<sup>5</sup> Season cumulative precipitation starts September 1, 2012.

<sup>6</sup> DFN=Departure from normal (using 1961-1990 normal period).

<sup>7</sup> Precipitation days = Days with precipitation of 0.01 inch or more.

<sup>8</sup> Agri-Met weather stations.